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UNITED STATES DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE

SNOW SURVEYS for ALASKA



March 1963

General - The March snow survey report is late due to weather conditions in the Chena watershed. During the 12 days from March 1 to 12 there was fog, rain, sleet and snow every day which kept the helicopter grounded.

Alaska has had much milder winter weather to date than usual. This is especially true of the area south of the Alaska range.

Snow Cover - In general, all snow courses measured to date have less snow than last year and all areas have a smaller water content. If this condition persists thruout the remaining two months, the flood hazard along the Tanana River should be less than last year. A few places in the Talkeetna mountains where we have no snow courses have reported snow accumulations greater than last winter. This may result in high water in the lower Susitna drainage area this spring.

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C & R-PREP.

Data included in this report were obtained by the Soil Conservation Service in cooperation with the Alaska Soil Conservation District, U.S. Army, Corps of Engineers, U.S. Bureau of Reclamation, Alaska Highway Commission, Alaska Agricultural Experiment Station.

Report issued by W.B. Oliver, State Conservationist, P.O. Box F, Palmer, Alaska.

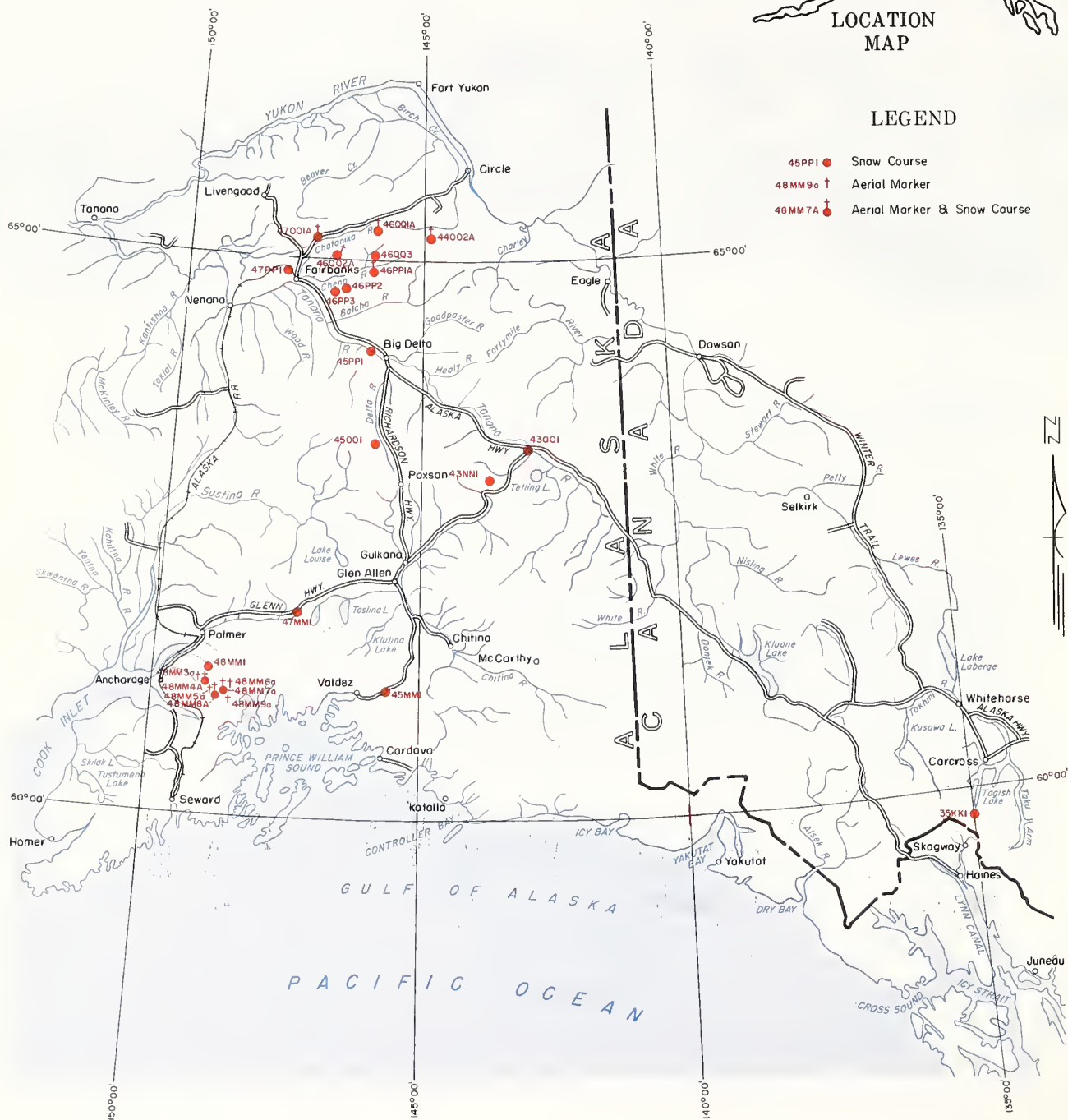
SNOW SURVEYS for ALASKA

50 0 50 100 150
SCALE IN MILES



LEGEND

- 45PPI ● Snow Course
- 48MM9a † Aerial Marker
- 48MM7A † Aerial Marker & Snow Course



SNOW

DRAINAGE BASIN and SNOW COURSE			CURRENT INFORMATION			PAST RECORD	
			DATE OF SURVEY	SNOW DEPTH (Inches)	WATER CONTENT (Inches)	WATER CONTENT (Inches)	
NAME	NO.	ELEVATION				LAST YEAR	AVERAGE ^b
Big Delta	45-PP-1	3850	3/4/63	15.2	1.9	3.3	2.3
Big Windy	44-QQ	4025	3/13/63	29.1	8.4	13.6	11
Chena Hot Springs	46-QQ-3	1180	3/13/63	31	5.8	8.2	7.0
Cleary Summit	47-QQ-1a	2230	3/5/63	26.2	4.6	7.0	5.5
Fielding Lake	45-00-1	3000	2/24/63	44.0	8.2	—	10
French Creek	46-PP-2	2010	3/4/63	19.3	3.7	—	—
Little Chena	46-QQ-2	2200	3/13/63	32.5	6.8	8.6	7.7
Little Salcha	46-PP-3	1500	3/4/63	17.1	4.2	—	—
Log Cabin, B.C.	35-KK-1	2880	3/5/63	43	12.9	12.4	13.4
Mentasta Pass	43-NN-1	2430	3/2/63	27	5.6	—	—
Mt. Ryan	46-QQ-1	2950	3/13/63	40.5	8.3	13.1	10.7
Munson Ridge	46-PP-1	3100	3/13/63	45.8	9.6	26.0	17.8
Tok	43-00-1	1650	3/2/63	19.2	3.5	4.5	3.5
Yak Pasture	47-PP-1	540	3/5/63	17.8	3.5	4.5	3.9

(a) Aerial observation; Water content estimated. (b) Average for period of record.

